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Patent Abstracts of Japan

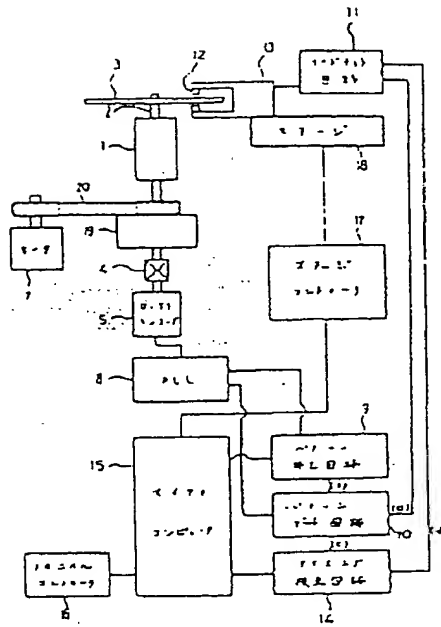
PUBLICATION NUMBER : JP4023276
 PUBLICATION DATE : 27-01-92
 APPLICATION NUMBER : JP900128817
 APPLICATION DATE : 18-05-90

VOL: 16 NO: 186 (P - 1347)
 PUB. DATE : 07-05-1992 PAT: A 4023276
 APPLICANT : KONICA CORP
 FILING DATE: 27-01-1992

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INT. CL. : G11B20/18; G11B21/10

TITLE : GENERATING SIGNAL PHASE
 ACCURACY MONITORING DEVICE
 FOR SERVO WRITER



ABSTRACT : PURPOSE: To quickly take stage action when phase shift is generated by generating the same pattern signal successively for plural or more times of revolution setting an index signal as an origin, and detecting a timing difference.
 CONSTITUTION: When a command is sent from a microcomputer 15 to a pattern generation circuit 9, the circuit 9 is synchronized with a clock signal generated at a PLL 8 setting the index signal generated from a rotary encoder 5 as the origin and generates the same two servo pattern signals (a) during two times of revolution of a recording medium 3. In the first time of revolution of the servo pattern signal (a), the servo pattern signal (b) is sent to a read/write circuit 11 with the pattern circuit 10, and the timing difference between the servo pattern signal (d) immediately after write and the servo pattern signal (c) generated in the second time of revolution is inspected at a timing inspection circuit 14. By using such constitution, it is possible to quickly take the stage action when the phase shift is generated when the servo pattern is written.